



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SR SERIES MASTER DISCONNECT SWITCHES

300A • Isolates High-Current DC Circuits From Battery Sources



PN 880064



PN 880062

## Description

300A continuous current rating. Stainless steel hardware and tin-plated copper studs. Can be installed in locations with limited space behind the panel.

## Features and Benefits

- Isolates the batteries and eliminates battery drain when vehicle is stored overnight or for longer periods. Electrically cuts off battery power for safety or when the vehicle is being serviced.
- Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box or on vehicles carrying hazardous loads.
- Available with integral holes to accept lockout/tagout. No need to purchase additional hardware.
- Plastic construction will not corrode and stands up to roadsplash and salt spray. Ingress protected to IP67/IP69K. Switch can be mounted anywhere on the vehicle.
- Units have a depth of only 3" (knob front to end of studs) – can be installed in locations where behind-panel space is limited.
- Stainless steel hardware and tin-plated copper contacts minimize resistance in harsh environments.

## Specifications Overview

<b>Max Operating Voltage:</b>	32V DC
<b>Max Continuous Current:</b>	300A
<b>Inrush Rating (2 sec):</b>	3,500A
<b>Terminal Stud Size:</b>	3/8"-16 (accepts M10 terminals)
<b>Ingress Protection:</b>	IP67/IP69K
<b>Ignition Protection:</b>	Meets ISO 8846 & SAE J1171

## Web Resources

Download technical resources at:  
[littelfuse.com/SR](http://littelfuse.com/SR)

## Ordering Information

PART NUMBER	DESCRIPTION
880062	Single pole, flange mount
880064	Single pole, panel mount with lockout
880154	Single pole, high cranking, panel mount with lockout

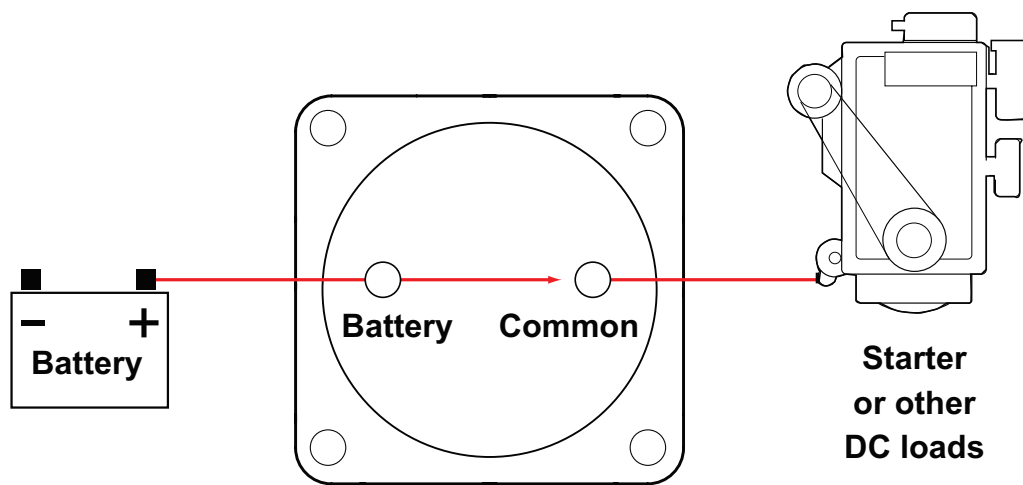
Datasheet Replaces Hotfeed Number D-659

# SR SERIES MASTER DISCONNECT SWITCHES

## Configurations

Specifications	32V DC
Max Continuous Current PN 880062, 880064	300A (1 x 4/0 cable)
Max Continuous Current 880154	600A (2 x 4/0 cable)
Cranking Rating (30sec) PN 880062, 880064	1,250A (1 x 4/0 cable)
Cranking Rating (30sec) PN 880154	2,500A (1 x 4/0 cable)
Inrush Rating (2 sec)	3,500A
Terminal Stud Size	3/8" -16 (accepts M10 terminals)
Terminal Stud Length	7/8" (22mm)
Ingress Protection	IP67 & IP69K
Ignition Protection	Meets ISO 8846 & SAE J1171

## Specifications



**Master Battery Disconnect  
(shown in ON state)**



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